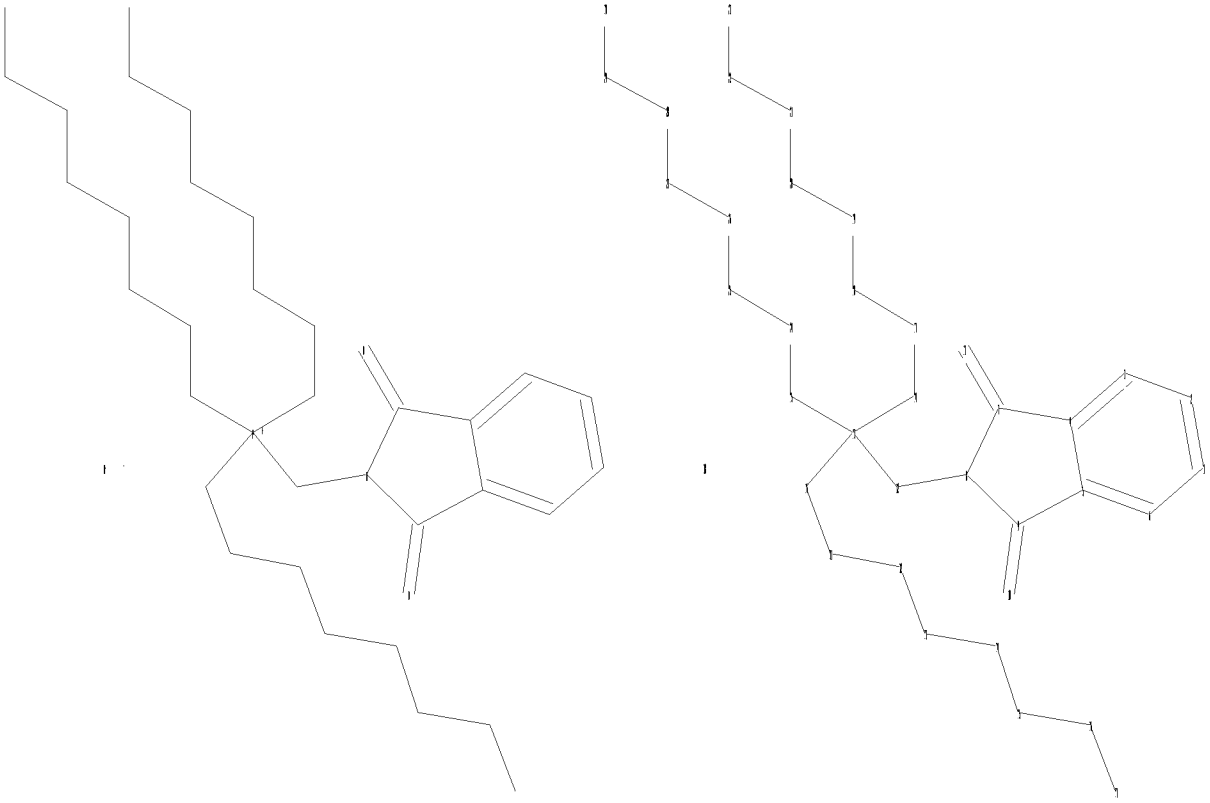
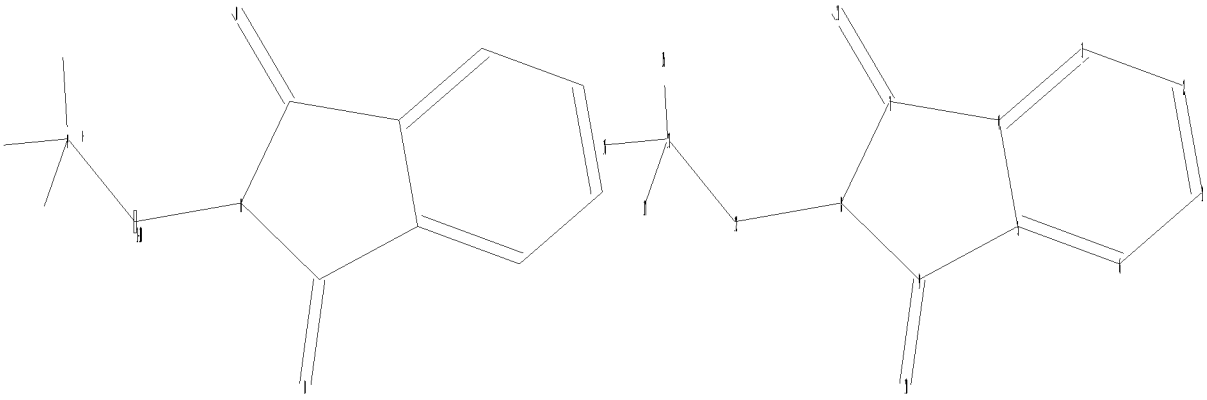
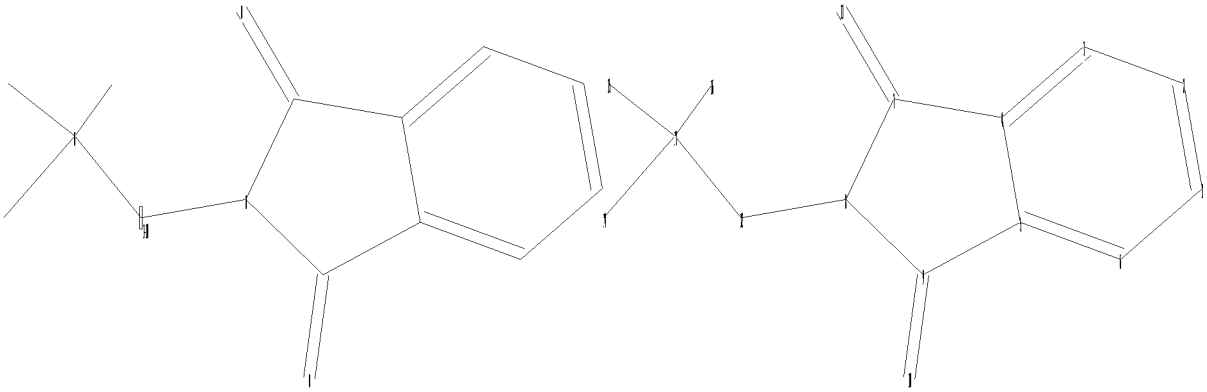


chain nodes :
38
ring nodes :
1 2 3 4 5 6 7 8 9
ring/chain nodes :
10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
31 32 33 34 35 36 37
ring/chain bonds :
7-11 8-12 9-10 12-13 13-14 13-15 13-16 14-17 15-24 16-31 17-18 18-19
19-20 20-21 21-22 22-23 24-25 25-26 26-27 27-28 28-29 29-30 31-32 32-33
33-34 34-35 35-36 36-37
ring bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-9 7-8 8-9
exact/norm bonds :

```
12-13  13-14  13-15  13-16  14-17  15-24  16-31  17-18  18-19  19-20  20-21  21-22
22-23  24-25  25-26  26-27  27-28  28-29  29-30  31-32  32-33  33-34  34-35  35-36
36-37
exact bonds :
4-7  5-9  7-8  7-11  8-9  8-12  9-10
normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6


Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:Atom  8:Atom  9:Atom  10:CLASS
11:CLASS  12:CLASS  13:CLASS  14:CLASS  15:CLASS  16:CLASS  17:CLASS  18:CLASS
19:CLASS  20:CLASS  21:CLASS  22:CLASS  23:CLASS  24:CLASS  25:CLASS  26:CLASS
27:CLASS  28:CLASS  29:CLASS  30:CLASS  31:CLASS  32:CLASS  33:CLASS  34:CLASS
35:CLASS  36:CLASS  37:CLASS  38:CLASS



L1      STRUCTURE UPLOADED

=> s l1 sss full
FULL SEARCH INITIATED 11:25:59 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -        6 TO ITERATE

100.0% PROCESSED        6 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

L2            0 SEA SSS FUL L1

=>
Uploading C:\Documents and Settings\mpepitone\My Documents\ChemDraw\11663870\2.str
```



```
chain nodes :
15  16  17
ring nodes :
1  2  3  4  5  6  7  8  9
ring/chain nodes :
10  11  12  13
chain bonds :
13-15  13-16  13-17
ring/chain bonds :
7-11  8-12  9-10  12-13
ring bonds :
1-2  1-6  2-3  3-4  4-5  4-7  5-6  5-9  7-8  8-9
exact/norm bonds :
```



chain nodes :
15 16
ring nodes :
1 2 3 4 5 6 7 8 9
ring/chain nodes :
10 11 12 13 14
chain bonds :
13-15 13-16
ring/chain bonds :
7-11 8-12 9-10 12-13 13-14
ring bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-9 7-8 8-9
exact/norm bonds :
12-13 13-14 13-15 13-16
exact bonds :
4-7 5-9 7-8 7-11 8-9 8-12 9-10
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS

L6 STRUCTURE UPLOADED

=> s l6 sss full
FULL SEARCH INITIATED 11:38:20 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 3032 TO ITERATE

100.0% PROCESSED 3032 ITERATIONS 572 ANSWERS
SEARCH TIME: 00.00.01

L7 572 SEA SSS FUL L6

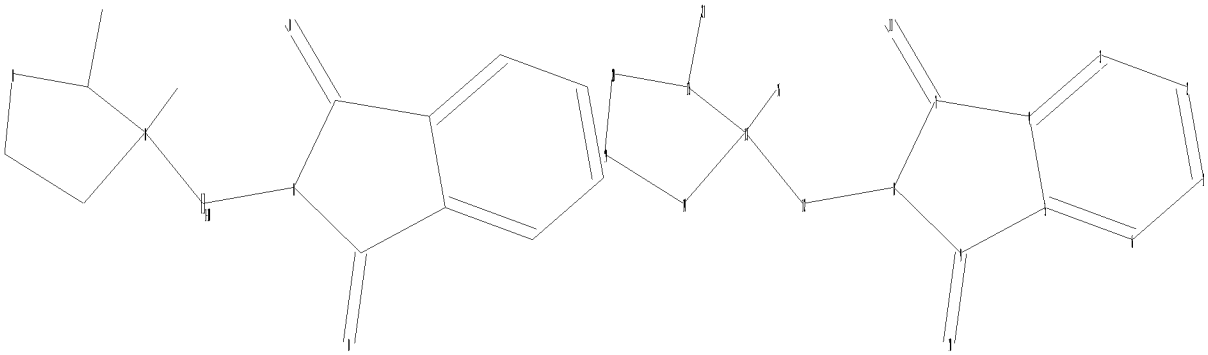
=> file caplus
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 191.54 654.53

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE TOTAL

on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>
Uploading C:\Documents and Settings\mpepitone\My Documents\ChemDraw\11663870\6.str



chain nodes :
16 21
ring nodes :
1 2 3 4 5 6 7 8 9 13 14 15 19 20
ring/chain nodes :
10 11 12
chain bonds :
13-16 15-21
ring/chain bonds :
7-11 8-12 9-10 12-13
ring bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-9 7-8 8-9 13-14 13-15 14-19 15-20 19-20

exact/norm bonds :
12-13 13-14 13-15 13-16 14-19 15-20 19-20
exact bonds :
4-7 5-9 7-8 7-11 8-9 8-12 9-10 15-21
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 19:Atom 20:Atom
21:CLASS

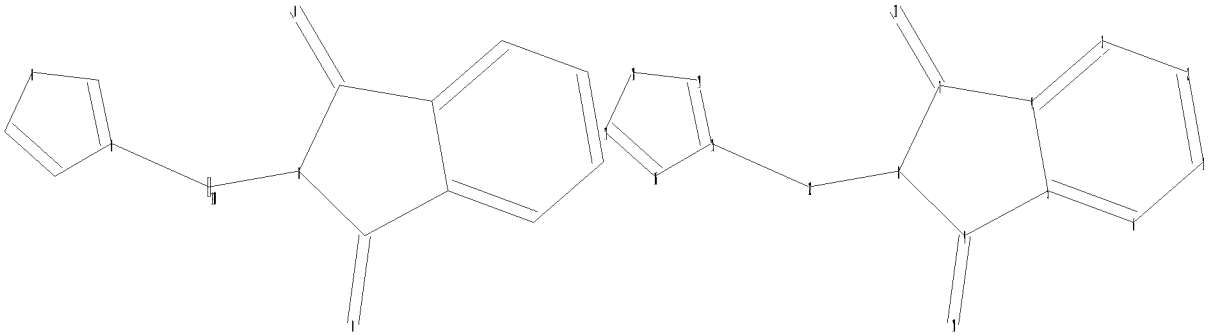
L13 STRUCTURE UPLOADED

=> s l13 sss full
FULL SEARCH INITIATED 12:03:15 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 2 TO ITERATE

100.0% PROCESSED 2 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L14 0 SEA SSS FUL L13

=>
Uploading C:\Documents and Settings\mpepitone\My Documents\ChemDraw\11663870\imuy.str



ring nodes :
1 2 3 4 5 6 7 8 9 15 16 17 18 19
ring/chain nodes :
10 11 12
chain bonds :
12-15
ring/chain bonds :
7-11 8-12 9-10
ring bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-9 7-8 8-9 15-16 15-19 16-17 17-18 18-19

exact/norm bonds :
12-15 15-16 15-19 16-17 17-18 18-19
exact bonds :
4-7 5-9 7-8 7-11 8-9 8-12 9-10
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:CLASS 12:CLASS 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom

L15 STRUCTURE UPLOADED

=> s l15 sss full
FULL SEARCH INITIATED 12:05:35 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 6915 TO ITERATE

100.0% PROCESSED 6915 ITERATIONS 57 ANSWERS
SEARCH TIME: 00.00.01

L16 57 SEA SSS FUL L15

=> file caplus
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 384.55 2084.38